

**Department of Public Works and Transportation
Montgomery County, Maryland**

DIVISION OF SOLID WASTE SERVICES



The Resource Recovery Facility in Dickerson, Maryland.

***MONTHLY REPORT
AUGUST 2004***



Printed on Recycled and Recyclable Paper

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OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

FACILITY	Aug FY05	FY05 Total	Aug FY04	Aug FY03
Materials Recovery Facility ⁽¹⁾	7,395 tons	14,562 tons	6,394 tons	6,794 tons
Brunswick Landfill Facility ⁽²⁾	28,643 tons	59,085 tons	26,189 tons	22,414 tons
Resource Recovery Facility ⁽³⁾	54,565 tons	111,469 tons	53,678 tons	52,119 tons
Yard Trim Compost Facility	4,753 tons	11,152 tons	3,852 tons	2,774 tons

⁽¹⁾MRF tons reported are outgoing.

⁽²⁾This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

⁽³⁾RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

Revenue Analysis and Systems Evaluation – During August, program staff:

- Researched 51 new properties and entered billing changes into database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in August;
- Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- Updated street listing maps;
- Continued to research solid waste fee abnormalities in the property tax database;
- Received and researched 54 inquiries from citizens regarding the solid waste fees on their tax bills
- Generated Hauler Credit Account invoices for August 2004 totaling \$1,884,110.51 (an increase of \$393,269.00 over August 2003);
- Updated Aging Report (30-day arrearage was \$45.68 as of September 10th);
- Processed and completed entering 6 month Hauler Tonnage Reports for the period of January through June 2004;
- Began performing field audits of 6 month hauler tonnage reports;
- Set up logs and began processing early-submitted non-residential appeals for FY04;
- Assisted completion of Executive Regulation 15-04 (update to the County's mandatory recycling regulation (proposed to supercede 109-92AM));
- Initiated preparation of companion Executive Regulation 18-04 comprising elements separated from previous SWAC/FIG-reviewed drafts of ER15-04 and otherwise separately clarifying the roles of collectors, haulers and all persons

who transport waste, so as to promote effective enforcement of the County's mandatory recycling law;

- Researched advanced analytical tools to deal with limitations of ExcelTM;
- Calculated FY04 reserve requirements;
- Assisted in preparation of tools for preparing the FY06 budget.

CITIZEN COMMITTEES

Facilities Implementation Group – FIG met on June 8 2004 at the Gothic Barn in Dickerson. Twelve FIG Members, three County staff, one contract staff and two guests were in attendance. Topics discussed included Comments and Response: 10 year Plan and Chiswell Updates.

The next FIG meeting will be held on September 14, 2004, at the Gothic Barn in Dickerson.

Solid Waste Advisory Committee – SWAC held its regular monthly meeting on August 3rd. 11 SWAC members, 7 County staff and 1 guest were in attendance. Staff made a presentation to the Committee on proposed Executive Regulation 15-04, the County's amended recycling regulation. The majority of the meeting was a work session on the proposal, with committee members raising questions, points and issues about the proposal, bringing about detailed discussions with staff.

COLLECTIONS

Refuse – Refuse collections for August went as scheduled with no disruptions to service.

Recycling – Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
9/01/03-9/26/03	10.43	10.15
9/29/03-10/24/03	10.50	10.45
10/27/03-11/21/03	11.43	11.04
11/24/03-12/19/03	11.97	11.74
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09
6/07/04-7/2/04	9.97	9.77
7/05/04-7/30/04	9.49	9.05
8/02/04-8/27/04	10.09	9.37

Contractor Performance -- During the month of August 2004, DSWS received 632 complaints; 36 less than in August 2003 which numbered 668.

There were two area start-ups during the month of August 2004; 19,306 homes in area 4 (Silver Spring) for all services and 16,884 homes in area 7 (Montgomery Village area) for Recycling only. Both start-ups went without incident even though the contractor in area 4 had to start the contract without their new Recycling trucks because of a delay in manufacturing.

Enforcement Actions – Three citations amounting to \$1500 were issued for violations of the County's Solid Waste Laws:

Two Citations	Collected solid wastes without a valid collectors tag attached
One Citation	Collected solid wastes without a collector's license

Nine NOV's were issued for violations of the County's Solid Waste Laws:

Two NOV's	Collected solid wastes without a collector's license
Two NOV's	Collected solid wastes without a valid collectors tag attached
Two NOV's	Improperly stored or permitted solid wastes to accumulate
Two NOV's	Failed to remove highly putrescible wastes daily
One NOV	Failed to have a recycling program (commercial)

Customer Service – DSWS received 9,464 incoming calls; 60 follow-up calls were made for quality check. There were 1,591 blue bins ordered through the Customer Service Staff.

On August 6th, customer service began a new test program on our website for the request of special collections. This program allows our customers to request special trash and scrap metal collections through our website at their convenience. Representatives check the site regularly throughout the day scheduling the new request. Then they email a response to our customers to acknowledge the request, issue a reference number and follow with any necessary instructions. So far to date, the system seems to work well. For the month of August, 287 requests were processed in this manner.

For the month of August we received 60 customer service surveys and 86 in July. Below is a comparison per percentage between July and August.

SURVEY QUESTION	JULY/AUGUST 2004		
	YES%	NO%	N/A%
Did we satisfactorily address your request or concern?	87/93	10/3	3/4
Are your trash and recyclables at the curb by 7:00 a.m.?	85/87	13/3	2/10
Do you use our yard trim recycling program?	45/53	50/43	5/4
Do you grasscycle or compost your yard trim?	52/50	47/48	1/2

Do you know about:			
The curbside scrap metal recycling program?	56/52	43/46	1/2
Textile recycling?	23/27	71/71	6/2
Computer recycling?	41/37	51/61	8/2
Household Hazardous Waste drop-offs?	58/55	35/41	7/4
Don't Dump – Donate program?	36/32	57/66	7/2
Use it again program?	21/22	70/76	9/2
Satellite drop-offs?	27/33	64/65	9/2
Have you used the Transfer Station?	64/70	33/28	3/2

Additional comments:

For the month of August each customer that responded to our survey was introduced to our free compost bins available for Montgomery County, Maryland, residents; along with information regarding all of our many services available.

Comments from resident: Once again, thank you very much for such a wonderful service of yours. I am proud to live in Montgomery County; people like you make a difference. Keep up with such a nice service!

Could home owners get the blue desk recycling bins that companies can get?

I have much more recycle than actual garbage anymore so it makes sense to start having recycle bins that are as convenient as trash cans (i.e., lids and wheels.)

I e-mailed my request for a bin a couple of days ago and received a reply quickly. I'm looking forward to having my bin delivered. I wish you'd offer the big bin on wheels for paper and cardboard to all residents (I've seen them in some neighborhoods for single family houses). Is it possible to get one?

The following are in reference to the transfer station: Great program, I am a committed recycler - the easier the better.

Staff at the Transfer Station are always helpful.

Public Outreach - Our field staff continues to distribute survey cards to residents. Our average return rate for the past month was 31%. We distributed two types of cards.

The first card asked for the residents to rate our handling of their service request (i.e. a collection miss, bin delivery etc); 89% of respondents gave us an excellent or good mark for the resolution of their problem or request.

The second card asks the resident to rate our various programs or contractors:

- 96% of respondents rated our blue bin program either excellent or good.
- 93% of respondents rated our paper program either excellent or good.
- 92% of respondents rated our yard trim program either excellent or good.

- 97% of respondents rated our scrap metal program either excellent or good.
- 89% of respondents rated our contractors either excellent or good.

Web Site - The following is information gathered from the Montgomery County Solid Waste web site through the month of August:

List Memberships	New July Subscribers	Total Subscribers
HHW Announcements	78	1,234
Holiday Reminder List	83	4,297
Newsletter Helper	36	377
Usage Counters – August 2004		
Total of Visits		4,709
Total Page Views		7,398
Among the most frequently visited pages were: <ul style="list-style-type: none"> • Holidays • HHW • Trash • Special Collections • Curbside Recycling • Transfer Station (fees) • Paint • Compost Bins • Don't Dump, Donate • Computers 		
SORRT		
Total Page Hits		199
Number of page views		304
TRRAC		
Total Page Hits		84
Number of page views		119
E-Mail - August 2004		
Top Issues : <ul style="list-style-type: none"> • Items Ordered • General Information • Thank You • Special Collections/Scrap Metal • Wheeled Carts • Hazardous Waste • Blue Bin Problems • Misses • Other 		80 49 30 18 7 4 13 10 128
Blue Bins		380
Total		729

Comments received:

- I just wanted to let you know that I think your e-mail service is GREAT. Seriously, this service alone is worth \$19.95 a month.
- I am glad that my comment was helpful. Your website is very good. Montgomery County has excellent services. By the way, the pick-up went seamlessly. Your contractor stopped by at 7:30 am.

WASTE MINIMIZATION

Product Recycled	Approximate weight recycled in August 2004
Computer	44.7 tons
Fire Extinguishers	None
Propane Tanks	3.5 tons
Textiles	14.3 tons
Construction Materials (Don't Dump – Donate)	1.9 tons
Bicycles	None
Rechargeable Batteries	None

Department of Environmental Protection's Home Composting and Source Reduction Activities – The GreenMan Show airs daily on Cable Channel 6, with online streaming video and access to past shows via online archives. A new advertising and marketing campaign is about to begin to promote the cable show and boost viewership and increase use of the greenmanshow.com website. A DVD release of 8-12 shows from the first and second “seasons” is in production, and will increase CD-ROM features such as related factsheets and other resources in PDF formats.

The GreenMan Column continues in the Gazette Newspapers. The column is also accessible online via greenmanshow.com and at www.gazette.net under “Columns.” Currently, the column is featuring a series addressing Integrated Pest Management techniques. Special features on composting and mulching are planned through the fall editions.

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste Collection – Two thousand two hundred eighty-nine (2,289) patrons used the “regular” HHW drop-off program in August 2004. HHW can now be dropped off at the Transfer Station Public Unloading Facility Thursdays and Fridays from 1:00 p.m. – 5:00 p.m.; Saturdays from 8:30 a.m. – 5:00 p.m. and Sundays from 9:00 a.m. – 5:00 p.m.

Mercury (Hg) Free Campaign – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW facility.

Small Quantity Generator/Ecowise Program – One Small Quantity Generator /Ecowise event was held on August 11th; 12 companies participated in the event.

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations – In August, the Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters and emissions of all three units. The CEMS indicated that only two units (units 1 and 2) operated on August 1st because unit 3 was brought offline on July 31st due to a steam tube leak. At approximately 6 p.m. on August 1st, the CEMS began showing emissions from unit 3 indicating that the unit was brought back online after replacing the leaking tube. Thereafter, all three units operated until the end of the month.

The CEMS indicated that all three units operated at 55% to 65% load during the weekends of August 21st-22nd and 28th-29th to conserve fuel for on-peak processing. The CEMS also indicated that the stack CEMS data for unit 3 was missing on August 25th from 11 a.m. to 7 p.m. Inquiries with Covanta indicated that a new sample line was being installed that day for the unit's stack flue gas while the unit was operating. There were no other equipment malfunctions that affected stack emissions in August with the exception of the incidents discussed above.

On August 3rd, Covanta performed the monthly "Opacity Test" for the month of August. The opacity test is a requirement under Title V of the RRF Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of August the set of three CEMS CD-ROM's were updated to include CEMS data up to July 31st. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

FIG-SWAC Air Quality Subcommittee – As instructed by the County, ENSR submitted a preliminary report in August on the Water Quality of the two farm ponds sampled in the Non-Air Media Monitoring Program conducted on July 20th and 21st. The two farm ponds that were sampled belong to Jim Evans (Pond #2) and William Lermond (Pond #3).

The results indicate that Jim Evans pond had high pH readings ranging from 10.36 at the bottom to 11.72 at the surface indicative of very alkaline water. These values are higher than would be expected in the summer for a shallow farm pond in Maryland. Jim Evans stated that he adds lime to his pond periodically, which can account for the elevated pH readings. The dissolved oxygen content measurements were also very

high in the Evans pond ranging from 18.04 mg/L at mid-depth to 19.99 mg/L at the surface.

In comparison, the Lermond Pond pH values were only slightly alkaline (7.55 at the bottom to 7.73 at the surface), and dissolved oxygen reading ranged from 4.62 mg/L at the bottom to 9.45 mg/L measured at the surface. The levels of pH and dissolved oxygen in the Lermond pond are in the expected range for a shallow farm pond in Maryland during the summer.

The high dissolved oxygen content and high pH measured in Evans pond are consistent with a heavy algae bloom that was observed at the pond. During the field work, Jim Evans came to the pond and stated that he adds lime to the pond periodically, which would contribute to the high pH values. Because of the poor water quality, which may be associated with the added lime, fishing was unproductive in Evans pond. Therefore, ENSR recommends sampling another pond from the 5 ponds sampled during the pre-operational phase and first operational phase sampling programs.

This information will be communicated to the Air Quality Subcommittee.

Oaks Landfill Air Emissions and Energy Recovery – SCS Engineers submitted the gas sampling results at the Oaks Landfill for the month of July 2004. From a total of 5 samples taken at the blower inlet and 5 samples taken at the flare inlet, the methane levels ranged from 49.2% to 56.6% with an average of 51.8%. SCS continues to conduct monthly gas sampling and analysis at the Oaks Landfill under the Engineering Services Contract. The gas sampling results will be used to prepare the “2004 Emissions Certification Report” for submission to MDE in March 2005.

DSWS staff are continuing contract negotiations with PEPCO Energy Services for the development of a project for the beneficial use of gas at the Oaks.

Contracts and RFP's

- **ENSR Contract** – In August, ENSR submitted a scope of work and cost estimates for conducting “Protected Plant Species” survey at the Schafer Property. The survey work needs to be conducted in May-June timeframe. Therefore, it is planned for May, 2005. The estimated total cost is \$6,500. ENSR is also continuing work on the Cumulative Health Risk Assessment. Data Analysis and Air Quality Modeling work for this task was completed in June, 2004. Toxicological health risk evaluation will be completed by December 2004 and a draft report is expected in spring 2005.
- **TES Contract** - TES of Gaithersburg submitted the August Monthly Maintenance Report for the Meteorological Tower. No problems were found with the wind collection systems. The rain gauge that was sent to the manufacturer for repairs was received in the last week of August and reinstalled near the meteorological tower. Currently, it is working satisfactorily.

RECYCLING

Public Education and Outreach – Staff worked to address the Recycling Task Force's SWAC's, and FIG's comments on the proposed amendment to Executive Regulation 109-92AM, the County's recycling regulation. Staff completed writing Executive Regulation 15-04, obtained necessary management and County Attorney approvals, and submitted it for advertisement in the September issue of the County Register. Public comments may be submitted by September 30, 2004. Staff created a new display and spent August 13-21 rotating participation in the Montgomery County Agricultural Fair. As a result, the Division spoke with 4,477 people, providing information on waste reduction, recycling, buying recycled, grasscycling and composting, as well as compost bins.

Commercial Recycling and Waste Reduction – Staff continued to perform on-site visits of businesses in August and resolved several complaints. During August, staff participated in 2 outreach events and employee training sessions, reaching 235 people. In an effort to improve recycling programs at small businesses, staff distributed a total of 961 desk-side recycling bins to businesses. Planning is underway for several outreach and education events scheduled for September and October.

Multi-Family Recycling – Work continued on revisions to the Property Manager's Guidebook. Distribution of baby blue bins continued.

Mixed Paper Recycling – *Existing* educational materials were distributed to residents at events. Larger quantities of materials were also provided to Homeowner's Associations and civic groups for their use and distribution.

Volunteer Activities – August was a very busy month for our Recycling Volunteers. During August, 37 volunteers provided 306 hours of assistance at the Division's Recycling-Waste Reduction-Buying Recycled-Composting Booth at the Montgomery County Agricultural Fair. In addition, three (3) other volunteers provided 13 hours of assistance preparing educational materials for distribution. The program recruited five (5) new volunteers during the month.

PILOT PROGRAMS

Cooperative Collection – Staff is working to schedule a meeting with the five businesses to provide them with cost information.

ComPRO Pilot – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year to date ComPRO sold is 500 bags.

Tubgrinding Pilot – Tubgrinding of screen rejected material started on July 27 and ended on August 20, 2004.

FACILITY ACTIVITIES

Resource Recovery Facility – The RRF processed 54,565 tons, or 1,760 tons per day. Trash deliveries averaged 11,845 tons/week. There were no unplanned outages, though unit 3 was brought back online on August 1st from the prior month.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of August. There was no need to purchase power during the month.

There were no Forecasted Code Red Days in August.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Submitted the July 2004 Water Supply Monthly Operating Report to MDE;
- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- Submitted the protocol for the October stack testing to MDE;
- Mitchell Welsh of MDE performed a routine solid waste inspection on August 2nd. No issues of concern were noted;
- Performed a 6-month lead/copper drinking water sampling. Currently waiting for results; and
- Submitted a report to MDE regarding a paint spill on August 25th.

Materials Recovery Facility – Approximately 1,910 tons of commingled material were shipped out and approximately 5,485 tons of mixed paper were loaded out and transferred to OPS' processing facility in August 2004. Recommendations provided in the recently completed energy audit were implemented. Processing equipment was painted. The air-compressor shed was also painted, as were a number of storage hoppers. Fork lifts were painted. Storm drains were cleaned.

Oaks Landfill – DSWS staff, with the assistance of the Office of the County Attorney, continued contract negotiations with Pepco Energy Systems for the beneficial reuse of landfill gas at the Oaks Landfill. Maintenance of the landfill gas collection system including removal of condensate and balancing of valves in the field improved system performance. A gas monitoring well that had been showing detection of methane returned to a non-detect status, after the above referenced maintenance was performed, and system vacuum improved.

Gude Landfill – County contractors for providing enclosed landfill gas flaring equipment and performing the installation of the equipment continued with the preparation of their technical submittals. Adjustments were made in dimensions and elevations in preparation for the commencement of construction of the site work, which includes preparing concrete pads for the flares and an open building to house the flare equipment. SCS Engineers is serving as the quality assurance engineer for this project

and is reviewing the submittals. Covanta Energy, the current operator of the 20-year old, on-site power plant that is scheduled to be taken out of service, performed an assessment of the gas collection system in preparation for the turnover of the system to the County. A gas sampling study indicated that there is some off-site migration of gas along the western boundary of the property. DSWs obtained an independent assessment via GeoSyntec, a consultant to the Northeast Maryland Waste Disposal Authority, to further define the extent of this problem.

Transfer Station – During August, Covanta shipped via rail 50,939 tons of processible waste from the Transfer Station to the RRF; 3,050 fewer tons than shipped in August 2003.

Work continued on the installation of the fourth compactor. Covanta received the switch gear and set it in its permanent position. Covanta's contractor also performed some necessary miscellaneous electrical work. The new compactor unit was loaded onto a rail car in Georgia and is expected to be on site sometime in September.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

Procurement awarded a task order to provide design and construction quality assurance services for modifications to the Transfer Station and ancillary facilities to SCS Engineers. DSWs had an initial meeting with SCS Engineers to discuss expansion of the tipping floor area, scale facilities and site roads.

The second of four seasonal tip and sort exercises to characterize the composition of the waste stream was performed.

DSWS started random inspections of loads for recyclable materials. If greater than 15 percent recyclable material is found in a load, there will be follow-up contacts with the generator of the material to assess potential recycling opportunities at that location.

The inbound radiation detectors had 12 alarms in August 2004. There was one false alarm (an alarm that could not be re-verified) - all but one of the valid alarms were identified as low levels of medical isotopes with short half-lives and were accepted. One case occurred where the driver or a passenger had undergone recent medical tests or treatment, and residual radiation set off the alarm. One load had Thorium (TH) 232, which is not an acceptable isotope. The load was from Bethesda Naval Hospital, and the source of the TH-232 was a box of lantern mantels. Bethesda Naval Hospital sent qualified environmental personnel to retrieve the box for proper disposal. The rest of the load was scanned and determined to be free of radiation and accepted for disposal.

Site 2 Landfill Properties – The County is evaluating the current property management plans for possible revisions. The County has requested and received a proposal for marking the location of the Maryland rare plant, *Krigia Dandelion*, and for developing a written plan to promote optimal environmental conditions for the expansion of this plant.

Yard Trim Compost Facility – In August, the Yard Trim Facility received 4,753 tons of material for composting. The year to-date total is 11,152 tons.

Tubgrinding of screened rejected debris was conducted from July 27-August 20, 2004; 11,500 cubic yards of material was produced.

Four thousand four hundred and forty one (4,441) cubic yards of Leafgro were shipped to distributors.

Bagging Operation – In August, 15,350 bags of Leafgro were shipped to distributors. (Each bag is 1.5 cubic ft. weighing 45 lbs.).

No ComPRO was shipped to distributors (Each bag is 1 cubic ft. weighing 30 lbs.).

Out-of-County Haul

Brunswick County, Virginia – During the month of August, approximately 15,559 tons of ash residue and 13,084 tons of nonprocessable waste were transported to the County's dedicated disposal cell at BWMF in Brunswick County, Virginia. Approximately 133 tons of rubble were recycled this month at Clean Earth in Hagerstown, MD, and about 640 tons of oversize bulky wood waste were shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD for recycling.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1447 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Recycling Rate Reported in Montgomery County	37.1% (FY03)
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY03 tons received- 80,138
# Residences receiving trash collection by County contractors	85,080
# Residences receiving collection of recyclables in blue bins and yard waste collection	204,300
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.)

GLOSSARY OF ACRONYMS

AAR	American Ash Recycling, Inc.
APC	Air Pollution Control
ASME	American Society of Mechanical Engineers
BWMF	Brunswick Waste Management Facility, Inc.
CDL	Commercial Driver's License
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulation
CIP	Capital Improvements Program
COD	Cash on Delivery
COG	Metropolitan Washington Council of Governments
CSX	Chesapeake Transportation Systems
CY	Calendar Year
DEP	Department of Environmental Protection
DNR	Maryland Department of Natural Resources
DSWS	Division of Solid Waste Services
EPA	Environmental Protection Agency
FIG	Facilities Implementation Group
FY	Fiscal Year
GFA	Gross Floor Area
HHW	Household Hazardous Waste
IFB	Invitation For Bid
IPM	Integrated Pest Management
KMCB	Keep Montgomery County Beautiful
LFG	Landfill Gas
LTTS	Leachate Thermal Treatment System
MCPS	Montgomery County Public Schools
MCR	Maximum Continuous Rating
MDE	Maryland Department of Environment
MES	Maryland Environmental Service
Mg/l	Milligrams per liter
M-NCPPC	Maryland National Capital Park and Planning Commission
MRA	Maryland Recycling Act
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
MWh	Mega Watt hours
NIH	National Institutes of Health
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
OLAC	Oaks Landfill Advisory Commission
OMB	Office of Management and Budget
OPS	Office Paper Systems
PEPCO	Potomac Electric Power Company
PSA	Public Service Announcement
RFP	Request for Proposal
ROL	Reduced Operating Level
RRF	Resource Recovery Facility
SCA	Sugarloaf Citizens Association
SHA	State Highway Administration
SORRT	Smart Organizations Reduce and Recycle Tons
SDAT	State Department of Assessments and Taxation
SWAC	Solid Waste Advisory Committee
TCLP	Toxic Characteristic Leaching Procedure
TES	Technical Environmental Services
TPD	Tons Per Day
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
TXA 170	Computer Interface Program (Property Account Database)
UT	Ultra-sonic Testing
YTCF	Yard Trim Compost Facility